

Sheet 1 of 1

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: 1201.63069		Serial No.: 09/640,204	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Singer et al.		Group 182	
				Filing Date: August 16, 2000			
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>u</i>	Gerhard Bauch, Houman Khorram and Joachim Hagenauer, "Iterative Equalization and Decoding in Mobile Communications Systems", VDE-Verlag. Ntg-Fachberichte, No. 145, 1997, pp.307-312.						
Examiner	<i>mm Bonicks</i>			Date Considered <i>7-9-03</i>			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449
(Rev. 8-88)INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: 1201.63069

Serial No.: 09/640,204

Applicant: Singer et al.

Filing Date: August 16, 2000

Group: 2162-2671

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

RECEIVED
SEP 06 2001
Technology Center 2600RECEIVED
AUG 31 2001
Technology Center 2100

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

9M ↓ 9	Hidekazu Murata, Susumu Yoshida, and Tsutomu Takeuchi, <i>Performance of Adaptive Equalizer Using Iterative Application of Viterbi Algorithm</i> , Electronics and Communications in Japan, Part 1, Vol. 77, No. 4, p. 103-110, 1994.
	Dan Raphaeli, Yoram Zarai, <i>Combined Turbo Equalization and Turbo Decoding</i> , Tel Aviv University, p. 639-643, 1997 IEEE.
	Dan Raphaeli and Yoram Zarai, <i>Combined Turbo Equalization and Turbo Decoding</i> , IEEE Communications Letters, Vol. 2, No. 4, p. 107-109, April 1998.
	Daniel Yellin, Alexander Vardy, and Ofer Amrani, <i>Joint Equalization and Coding for Intersymbol Interference Channels</i> , IEEE Transactions on Information Theory, Vol. 43, No. 2, p. 409-425, March 1997.
	L. Vandendorpe, O. Van de Wiel, <i>Performance Analysis of Linear Joint Multiple Access Interference Cancellation-Equalization For Asynchronous Multitone CDMA</i> , p. 537-541, 1995 IEEE.
	Mao-Ching Chiu and Chi-chao Chao, <i>Performance of Joint Equalization and Trellis-Coded Modulation on Multipath Fading Channels</i> , IEEE Transactions on Communications, Vol. 43, No. 2/3/4, p. 1230-1234, February/March/April 1995.
	Joachim Hagenauer and Max Winklhofer, <i>The Analog Decoder</i> , ISIT 1998, Cambridge, MA, Aug. 16-21, p. 145, 1998 IEEE.
	Sirikiat Lek Ariyavisitakul and Ye (Geoffrey) Li, <i>Joint Coding and Decision Feedback Equalization for Broadband Wireless Channels</i> , IEEE Journal on Selected Areas in Communications, Vol. 16, No. 9, p. 1670-1678, December 1998.
	Gerhard Bauch, Volker Franz, <i>Iterative Equalization and Decoding for the GSM -System</i> , p. 2262-2266, 1998 IEEE.

Examiner

m barils

Date Considered

7/9/03

*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 1201.63069	Serial No.: 09/640,204
		Applicant: Singer et al.	
		Filing Date: August 16, 2000	Group: 2462 2631

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

RECEIVED
SEP 06 2001
Technology Center 2600RECEIVED
AUG 31 2001
Technology Center 2100

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

a	Cheolwoo You and Daesik Hong, <i>Nonlinear Blind Equalization Schemes Using Complex-Valued Multilayer Feedforward Neural Networks</i> , IEEE Transactions on Neural Networks, Vol. 9, No. 6, p. 1442-1455, November 1998.
	Achilleas Anastasopoulos and Keith M. Chugg, <i>Iterative Equalization/Decoding of TCM for Frequency-Selective Fading Channels</i> , p. 177-181, 1998 IEEE.
	Cheolwoo You and Daesik Hong, <i>Blind Adaptive Equalization Techniques Using the Complex Multi-Layer Perceptron</i> , p. 1340-1344, 1996 IEEE.
	Pierre R. Chevillat and Evangelos Eleftheriou, <i>Decoding of Trellis-Encoded Signals in the Presence of Intersymbol Interference and Noise</i> , IEEE Transactions on Communications, Vol. 37, No. 7, p.669-676, July 1989.
	Jong Il Park, Stephen B. Wicker and Henry L. Owen, <i>Concatenation of MLSE Equalizer and Viterbi Decoder for TDMA Cellular Systems</i> , p. 723-727.
	Catherine Douillard, Michel Jezequel, Claude Berrou, Annie Picart, Pierre Didier, Alain Glavieux, <i>Iterative Correction of Intersymbol Interference: Turbo-Equalization</i> , p. 507-511, Vol. 6, No. 5, September-October 1995.
a	Xiaodong Wang and H. Vincent Poor, Princeton University, <i>Iterative (Turbo) Soft Interference Cancellation and Decoding for Coded CDMA</i> , p. 1-29.

Examiner Mr. Daniels Date Considered 7-9-03

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.